

Appl. No. 10/665,995
Arndt. Dated July 18, 2006
Reply to Advisory Action of June 26, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 to 10 (canceled).

Claim 11 (currently amended) A backlight system, comprising:

a light guide plate;

at least a light source;

a diffusion plate located above said light guide plate; and

a reflection polarizer which allows S polarized light to pass while reflecting P polarized light, the reflection polarizer being located above the diffusion plate; wherein

the light guide plate, the diffusion plate and the reflection polarizer are stacked one on another in sequence, and a plurality of light conversion elements are ~~disposed~~ configured at one side an outside of the diffusion plate and face toward the reflection polarizer, the light conversion elements being in the form of prisms configured to transform the reflected P polarized light thereabouts to a common light and successively redirect

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the common light toward the reflection polarizer without substantial involvement of the diffusion plate and the light guide plate, the outside of the diffusion plate facing toward the reflection polarizer and being opposite to the portion of diffusion plate stacked on the light guide plate.

Claim 12 (currently amended) A method of making a backlight system, comprising steps of:

providing a light guide plate;

positioning a light source beside said light guide plate;

positioning a diffusion plate above said light guide plate;

positioning a reflection polarizer above said diffusion plate which allows S polarized lights light to pass and reflects P polarized lights light;
and

forming a plurality of light conversion elements on an outside surface of said diffusion plate facing toward the reflection polarizer, so as to transform the reflected P polarized light to a common light thereabouts and successively redirect the common light toward the reflection polarizer without substantial involvement of at least said light guide plate, the light conversion elements being in the form of prisms the outside surface of the

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diffusion plate facing toward the reflection polarizer and being opposite
to the portion of diffusion plate positioned above the light guide plate.

Claim 13 (currently amended) A backlight system, comprising:

a light guide plate;

a diffusion plate located above said light guide plate; and

a reflection polarizer which allows light polarized in one certain direction to pass while reflecting light polarized in a direction perpendicular to the certain direction, the reflection polarizer being located above the diffusion plate; wherein

the light guide plate, the diffusion plate and the reflection polarizer are stacked one on another in sequence, and a plurality of light conversion elements are disposed on a configured at an outside surface of the diffusion plate ~~and face toward the reflection polarizer, the light conversion elements being in the form of prisms, the outside surface of~~
~~the diffusion plate facing toward the reflection polarizer and being opposite to the portion of diffusion plate stacked on the light guide plate.~~

Claim 14 (new) The backlight system as claimed in claim 11,

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wherein the light conversion elements are in the form of prisms disposed parallel to one another.

Claim 15 (new) The backlight system as claimed in claim 14, wherein the prisms are spaced apart at equal intervals.

Claim 16 (new) The backlight system as claimed in claim 14, wherein the prisms are each in a shape of a pyramid and are distributed evenly.

Claim 17 (new) The backlight system as claimed in claim 11, further comprising a light source cover which surrounds the light source on three sides.

Claim 18 (new) The backlight system as claimed in claim 11, wherein the light guide plate is a flat plate.

Claim 19 (new) The backlight system as claimed in claim 11, wherein the light guide plate is in a shape of a wedge.

Claim 20 (new) The backlight system as claimed in claim 13, wherein the light conversion elements are in the form of prisms disposed parallel to one another.

Claim 21 (new) The backlight system as claimed in claim 20,

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wherein the prisms are spaced apart at equal intervals.

Claim 22 (new) The backlight system as claimed in claim 20,
wherein the prisms are each in a shape of a pyramid and are distributed
evenly.